

Emiliano Caballero Mendoza

Student of Engineer in Computer Technologies

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Student of engineering in computer technologies. My areas of interest include software development focused on simulations, utilizing agile methodologies such as SCRUM. I am also interested in networking, particularly in the network architecture and the existing protocols. I have gained experience through university projects related to these areas, demonstrating strong teamwork skills, proactivity, and responsibility in delivering the projects on time and meeting all requirements.

### **Work Experience**

#### **Camargo Asociados (december 2020 – january 2025 )**

Background records analyst.

- Accurately interpret and analyse background records.
- Search for relevant information within background records.
- Record the identified information of interest in a file.

### **Professional Experience**

#### **Global Lynx (january 2025 – actual)**

LMS Platform administration intern

- Implementation, configuration, and maintenance of the Learning Management System (LMS).
- Integration of educational tools such as LTI, SCORM, and external APIs into the platform.
- Design and development of interactive content (readings and exams) using web technologies: HTML, CSS, and JavaScript.

#### **Proyecto Oxtron (august 2024 – december 2024)**

Interactive development lead for carbon footprint visualization.

- Developed a simulation using Unity platform.
- Designed and managed a database with PostgreSQL.
- Developed a web application using ASP.NET Core with the MVC model for the back-end and Bootstrap for the front-end

#### **Sensorino (september 2023 – november 2023)**

Development of a device capable of measuring and store health variables.

- Designed and managed a database using MariaDB.
- Developed a PowerBI application for data analysis providing interactive visualizations.
- Implemented Internet of Things (IoT) technology using cloud-based architecture on the Azure platform for remote storage and analysis of health data.

### **Education**

#### **TEC de Monterrey (august 2022-present)**

Engineer in Computer Technologies.

## **Cocurricular Experience**

### **Social Service (2023)**

English lecturer

- Taught English classes to elementary school students as part of the Heriberto social project.

Active participant

- Contributed innovative ideas related to web development for the Padi project platform.

Experience in event organization

- Hackathon sixth edition, participated in organizing a large-scale event, managing logistics and ensuring smooth execution.

## **Continuing Education**

- “English for IT 1” course, Cisco Networking Academy, January 2025
- “Introduction to Cybersecurity” course, Cisco Networking Academy, December 2024

## **Skills**

Languages: English-Intermediate, French-Basic.

Software: Microsoft Office Suite-Intermediate, C++-Intermediate, Python-Intermediate, Git-Intermediate, SQL-Intermediate, Unity-Intermediate, HTML, CSS, JavaScript – Intermediate.